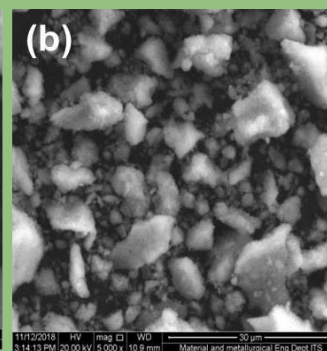
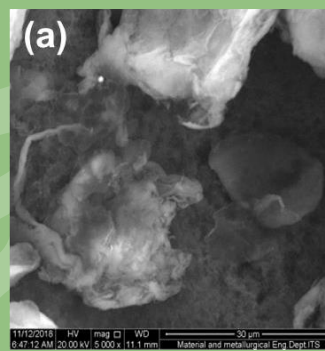
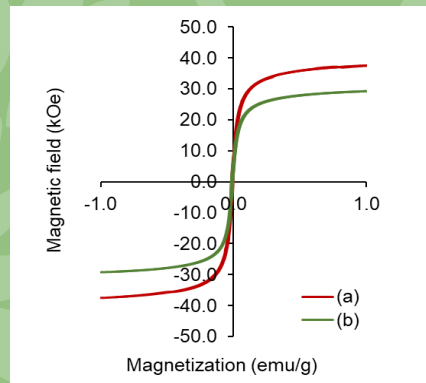
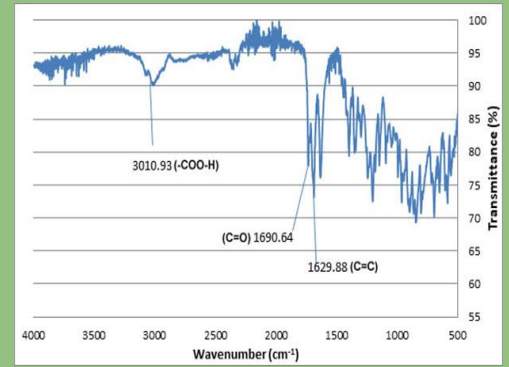
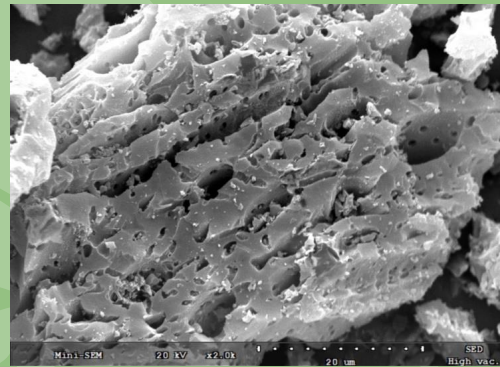


Indonesian Journal of Chemical Studies

Volume 2, Issue 1, June 2023

This issue has been published online since February, 19th 2023 at <https://journal.solusiriset.com>



Indexed by:



Indones. J.
Chem. Stud.

Vol.2

No.1

Pages:
1-34

June
2023

Published by:
Indonesian Scholar Society (ISS)



Indonesian Journal of Chemical Studies

Volume 2, No1, June 2023

EDITORIAL TEAM

EDITOR IN CHIEF

Dr. Rahmat Basuki, M.Sc

Department of Chemistry, Republic Indonesia Defense University, Bogor, Indonesia

VICE EDITOR IN CHIEF

Lili Andriani, M.Si

Sekolah Tinggi Ilmu Kesehatan Harapan Ibu Jambi, Jambi, Indonesia

MANAGING EDITOR

Adya Rizky Pradipta, M.Sc

Chemical Analysis Department, Politeknik AKA Bogor, Bogor, Indonesia

Dr(c). Yudha Gusti Wibowo, M.Si

Department of Mining Engineering, Institut Teknologi Sumatera, Lampung, Indonesia

EDITORIAL BOARD MEMBERS

Prof. Dr. Bambang Rusdiarso, DEA

Department of Chemistry, Universitas Gadjah Mada, Yogyakarta, Indonesia

Prof. Dr.rer.nat. Muhaimin

Faculty of Pharmacy, Universitas Padjadjaran, Bandung, Indonesia

Dr. Eng. Muh. Nur Khoiru Wihadi, M.Sc

Badan Riset dan Inovasi Nasional (National Research and Innovation Agency), Indonesia

Dr. Adhi Dwi Hatmanto, M.Sc.

Department of Chemistry, Universitas Gadjah Mada, Yogyakarta, Indonesia

Dr(c). Yehezkiel Steven Kurniawan, M.Sc

Ma Chung Research Center for Photosynthetic Pigments, Universitas Ma Chung, Malang, Indonesia

Prof. A.K. Prodjosantoso, Ph.D.

Department of Chemistry, Universitas Negeri Yogyakarta, Yogyakarta, Indonesia

Prof. Dr. Buhani

Department of Chemistry, Universitas Lampung, Lampung, Indonesia

Budi Riza Putra, Ph.D

Badan Riset dan Inovasi Nasional (National Research and Innovation Agency), Indonesia

Trivadila, Ph.D

Department of Chemistry, IPB University, Bogor, Indonesia

Yusuf Bramastya Apriliyanto, M.Sc

Department of Chemistry, Republic Indonesia Defense University, Bogor, Indonesia

REGIONAL (HANDLING) EDITOR FOR EUROPE AND AMERICA

Limpat Nulandaya, Ph.D

Progressive Materials, University of Pavol Jozef Safarik & Institute of Experimental Physics-Slovak Academy of Sciences, Slovakia

REGIONAL (HANDLING) EDITOR FOR ASIA AND AFRICA

Ardila Hayu Tiwikrama, Ph.D.

Department of Chemical Engineering, National Taipei University of Technology, Taiwan

Dr(c). Philip Anggo Krisbiantoro, M.Env.Sc.

Institute of Atomic and Molecular Science, National Taiwan University, Taiwan

REGIONAL (HANDLING) EDITOR FOR AUSTRALIA

Dr(c). Naufan Nurrosyid, M.Sc

Department of Material Science and Engineering, Monash University, Australia

PRODUCTION MANAGER

Aslan Irunsa, M.Sc.

Marine Environmental Biotechnology, Buton Institute
of Marine Technology, Buton, Indonesia

Dr(c). Bayu Ishartono, M.Sc.

Doctoral Program, Department of Chemistry,
Universitas Gadjah Mada, Yogyakarta, Indonesia

Indonesian Journal of Chemical Studies

Volume 1, Nb 2, June 2023

TABLE OF CONTENTS

1. **Research Article**
Chemical Regeneration of Activated Carbon After Adsorption of Ni(II) Ions 1-8
Kian Wei Chong, Kin Hau Cho
2. **Research Article**
A Technical Study on the Effect of Hydrothermal and Dry Heat Shrinkage of Different Shoe-Upper Leathers Used in Pakistan 9-12
Barkat Ali Solangi, Beena Zehra, Hafiz Rub Nawaz, Uzma Nadeem, Mohammad Kashif Pervez, Mohammad Zeeshan
3. **Research Article**
Magnetically Separable Humic Acid-Chitin Based Adsorbent as Pb(II) Uptake in Synthetic Wastewater 13-21
Ngatijo, Lenny Marlinda, Wukhoidatul Malikhah, Bayu Ishartono, Rahmat Basuki
4. **Research Article**
Organic Fertilizer from Amino Acid and Eco-Enzyme Combinations for Repairing Plant Metabolism 22-26
Galih Satrio, Anggi Khairina Hanum Hasibuan, Putry Wanda Azzida
5. **Research Article**
Hydrothermal Method to Synthesize Nanomagnetite by Water Extract of Averrhoa bilimbi : Effect of Time and Reactor Size 27-34
Zulhan Arif, Iis Ismawati, Anisa Nurul Hikmah, Deden Saprudin